

FORM PTO-1449 (Modified)		ATTY. DOCKET NO. 24641-1070	SERIAL NO. 09/679/725
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE TYPE STATEMENT		APPLICANT Whirly and Chobotov.	
		FILING DATE October 4, 2000	GROUP Unassigned.

FEB 26 2001
PATENT & TRADEMARK OFFICE
U.S. GOVERNMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

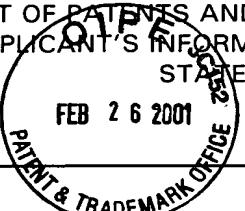
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CROR		Christon <i>et al.</i> "Visualization of High Resolution, Three-Dimensional, Nonlinear Finite Element Analyses," <u>Proceedings. Visualization '92</u> (Car. No. 92Ch3201-1) (1992).
CK		Elger <i>et al.</i> "The Influence of Shape on the Stresses in Model Abdominal Aortic Aneurysms," <u>Transactions of the ASME</u> 326:326-32 (1996).
CL		Holzapfel <i>et al.</i> "Large strain analysis of soft biological membranes: Formualtion and finite element analysis," <u>Comp. Methods. Appl. Mech. Engrg.</u> 132:45-61 (1996).
CR		Hoover <i>et al.</i> "Parallel Algorithms for Finite Element Analysis (DYNA3D/NIKE3D)," UCRL-JC-127647 Abstract. Lawrence Livermore National Laboratory Technical Publication.
CL		How <i>et al.</i> "Mechanical Properties of Arteries and Arterial Grafts," Chapter 1 of <u>Cardiovascular BIOMATERIALS</u> Hasting, G.W. (ed.) London; New York: Springer-Verlag, 1992 pgs. 1-35.
CR		Lakshmiraghavan, M. <u>Mechanical Wall Stress in Adominal Aortic Aneurysm: Towards the Development of a Clinical Tool to Predict Aneurysm Rupture</u> . Submitted to the University of Pittsburgh, Volume 59/09-B of Dissertaion Abstracts International Page 4948. 285 pages (1998).
CR		Mosora <i>et al.</i> "Modelling the arterial wall by finite elements," <u>Archives Internationales de Physiologie, de Biochimica et de Biophysique</u> 101:185-91 (1992).
CL		Mower <i>et al.</i> "Stress Distributions in Vascular Aneurysms: Factors Affecting Risk of Aneurysm Rupture," <u>J. Surgical Research</u> 55:151-61 (1993).
CR		Papageorgiou, G.L. and N.B. Jones, "Physical Modelling of the Arterial Wall. Part2: Simulation of the Non-Linear Elasticity of the Arterial Wall," <u>J. Biomed. Eng.</u> 9:216-21 (1987).

EXAMINER Clark R. Rodriguez | DATE CONSIDERED8/11/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<p style="text-align: center;">LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> <p style="text-align: center;">FEB 26 2001</p> 	APPLICANT Whirly and Chobotov.	
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>CR</i>	Simon <i>et al.</i> "Finite Element Models for Arterial Wall Mechanics" <u>J. Biomechanical Engineering</u> 115:489-96 (1993).
<i>CR</i>	Tanaka <i>et al.</i> "Inelastic Constitutive Modeling of Arterial and Ventricular Walls," <u>Computational Biomechanics</u> Hayashi, Ishikawa (eds.) Springer Press pgs. 137-163.
<i>CR</i>	Vito <i>et al.</i> "Stress Analysis of the Diseased Arterial Cross-section," 1990 Advances in Bioengineering American Society of Mechanical Engineers, Bioengineering Division (Publication) BED v.17, ASME:New York, (1990). pgs. 273-6.
<i>CR</i>	Xu <i>et al.</i> "Coupled Modelling of Blood Flow and Arterial Interactions by The Finite Element Method," <u>Proceedings of the Computers in Cardiology 1993 IEEE Computer Society Press</u> September 5-8, 1993 pgs. 687-90.

EXAMINER

Carol A. Oatis Rodriguez

DATE CONSIDERED

8/11/04

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ATTY. DOCKET NO.
24641-1070SERIAL NO.
09/679,725LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENTAPPLICANT
Whirley, R.G. and M.V. ChobotovFILING DATE
October 4, 2000GROUP
2855

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CR	A	"Modeling the Biomechanics of Human Joints and Prosthetic Implants," <i>Lawrence Livermore National Laboratory</i> (http://www-iscr.llnl.gov)
CR	B	Bossart, P.L. and K. Hollerbach "Finite Element Analysis of Human Joints," <i>IEEE Signal Process Society 1996 International Conference on Image Processing Lausanne</i> , Switzerland September 16-19, 1996 (Preprint submitted from Lawrence Livermore National Laboratory)
CR	C	Dovey, David and Thomas E. Spelce "GRIZ Finite Element Analysis Results Visualization for Unstructured Grids: User Manual," <i>Methods Development Group, Mechanical Engineering, Lawrence Livermore National Laboratory</i> (October, 1993).
CR	D	Raghavan <i>et al.</i> "Ex Vivo Biochemical Behavior of Adbominal Aortic Aneurysm: Assessment Using a New Mathematical Model," <i>Journal of Biomedical Engineering</i> 24:573-582 (1996).

EXAMINER

Calvin L. Ots Padgett

DATE CONSIDERED

8/1/04

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<p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		Complete if Known	
		Application Number	09/679,725
		Filing Date	October 4, 2000
		First Named Inventor	Chobotov, Michael V.
		Art Unit	2855
		Examiner Name	Unassigned
Sheet	of	Attorney Docket Number	021630-001000US

FOREIGN PATENT/PUBLICATIONS DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴				
CR	AD	EP	574,098	12/15/93	American Medical Electronics, Inc.		<input type="checkbox"/>
CR	AE	WO	03/015666	02/27/03	Edwards Lifesciences Corp.		<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Examiner Signature		Date Considered	8/11/04
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.



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		Application Number	09/679,725
		Filing Date	October 4, 2000
		First Named Inventor	Chobotov, Michael V.
		Art Unit	2855
		Examiner Name	Unassigned
Sheet		of	Attorney Docket Number
			021630-001000US

NON-PATENT LITERATURE DOCUMENTS

**Examiner
Signature**

Calos P. Ortiz Pedregosa
initial if reference considered, whether or not citation is in con-

Date Considered

8/11/04

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